



Docket No.: 1152-0328PUS1

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Tadao KYOMOTO et al.

Application No.: 10/590,269

Filed: August 22, 2006 Art Unit: Not Yet Assigned

For: LIGHT SOURCE DEVICE AND VIDEO DISPLAY

APPARATUS USING THE SAME

Examiner: Not Yet Assigned

Confirmation No.: 6070

LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Subsequent to the filing of the above-identified application on August 22, 2006, attached hereto is Forms PCT/IPEA/409 and PCT/IB/338 that should be made of record in the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or to credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Dated: June 11, 2007

Respectfully submitted,

Michael Ř. Cammarata Registration No.: 39,491

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Attachment(s)

PATENT COOPERATION TREATY

To:

'0 6.12.20 歷本特許法律 學務所

PCT

From the INTERNATIONAL BUREAU

NOTIFICATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY
(CHAPTER I OR CHAPTER II
OF THE PATENT COOPERATION TREATY)

(PCT Rules 44bis.3(c) and 72.2)

FUJIMOTO, Eisuke c/o Fujimoto Patent & Law Office, Room 317, Sanno Grand Bullding 3F., 14-2, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 1000014 JAPON

Date of mailing (day/month/year)
07 December 2006 (07.12.2006)

Applicant's or agent's file reference
FWA5-02

International application No.
PCT/JP2005/002794

Applicant

SHARP KABUSHIKI KAISHA et al

l.	Transmittal	of the	translation	to	the	applicant.
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- The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter I).
- The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter II).

2. Transmittal of the copy of the translation to the designated or elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

EP, KR

The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

AE, AG, AL, AM, AP, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EA, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OA, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

Masashi Honda

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Facsimile No. +41 22 338 82 70 Form PCT/IB/338 (January 2004)

PATENT COOPERATION TREATY

TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

			
Applicant's or agent's file reference FWA5-02	FOR FURTHER ACTION	See Form PCT/IPEA/416	
International application No.	International filing date (day/month/year)	Priority date (day/month/year)	
PCT/JP2005/002794	22.02.2005	23.02.2004	
International Patent Classification (IPC) or nat		(00 (000 00)	
G03B21/14(2006.01),	F21S2/00(2006.01), F2	177/09(2006.01),	
F21V7/10(2006.01), F	21V13/00(2006.01), F2	1V9/00(2006.01)	
Applicant			
SHARP KABUSHIKI KAIS	HA		
J			
This report is the international preli- under Article 35 and transmitted to t	minary examination report, established by thi he applicant according to Article 36.	s International Preliminary Examining Authority	
2. This REPORT consists of a total of	_	ing this cover sheet.	
3. This report is also accompanied by	ANNEXES, comprising:		
_	d to the International Bureau) a total of	sheets, as follows:	
		n amended and are the basis for this report and/or	
sheets of the descri- sheets containing r Instructions).	ectifications authorized by this Authority (see	Rule 70.16 and Section 607 of the Administrative	
· ·	sede earlier sheets, but which this Authority o	onsiders contain an amendment that goes beyond	
the disclosure in the	he international application as filed, as indicat	ed in item 4 of Box No. I and the Supplemental	
Box.			
b. (sent to the International	l Bureau only) a total of (indicate type and num	ber of electronic carrier(s))	
, containing a sequence listing and/or tables			
related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).			
4. This report contains indications rela	ting to the following items:		
Box No. 1 Basis of the	be report		
Box No. II Priority			
Box No. III Non-estab	olishment of opinion with regard to novelty, inv	entive step and industrial applicability	
Box No. IV Lack of u	nity of invention		
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
Box No. VI Certain documents cited			
Box No. VII Cortain d			
Box No. VIII Certain o	Box No. VIII Certain observations on the international application		
Date of submission of the demand	Date of completion o	f this report	
Date of sandyssion of the domain		-	
Name and mailing address of the IPEA/JP	Authorized officer		
Facsimile No.	Telephone No.		

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

Imernational application No.
PCT/JP2005/002794

Box	No. I	Basis of the report		
1.		egard to the language, this report is based on the internation and under this item.	al application in the language in	which it was filed, unless otherwise
	1 1	This report is based on translations from the original languag	_	· · · · · · · · · · · · · · · · · · ·
	, ب	which is the language of a translation furnished for the purpo	ses of:	
	Ļ	international search (Rule 12.3 and 23.1(b))		
	L	publication of the international application (Rule 12.4)		
	L	international preliminary examination (Rule 55.2 and/o		
2.	With receive	regard to the elements of the international application, this r ing Office in response to an invitation under Article 14 are aport):	report is based on (replacement s referred to in this report as "o	neets which have been jurnished to the riginally filed" and are not annexed to
		the international application as originally filed/furnished		
		the description:		
	1	pages 1-23		as originally filed/furnished
		pages*		
			Technology that reducing our	-
		the claims:		
Ì		nos.		as originally filed/furnished
		nos.*	as amended (togethe	r with any statement) under Article 19
		nos.* 1, 2, 5-12	received by this Authority on	17.03.2006
		nos.*	received by this Authority on	
	\boxtimes	the drawings:		
		sheets Fig. 1-3, 5-23		as originally filed/furnished
		sheets* Fig. 4	received by this Authority on	15.12.2005
			•	
	_			
l	닏	a sequence listing and/or any related table(s) - see Supplem	ental Box Relating to Sequence I	Listing.
3.	\bowtie	The amendments have resulted in the cancellation of:		
		the description, pages		
		the claims, nos. 3, 4		
		the drawings, sheets/figs		
		the sequence listing (specify):		
		any table(s) related to sequence listing (specify):		
4.		This report has been established as if (some of) the amend they have been considered to go beyond the disclosure as fi	Iments annexed to this report an	d listed below had not been made, since
1				
		the description, pages		
		the claims, nos.		
		the drawings, sheets/figs		
		the sequence listing (specify):		
	any table(s) related to sequence listing (specify):			
	If ite	em 4 applies, some or all of those sheets may be marked "sup	oerseded."	

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2005/002794

Box No. V Reasoned statement under Article citations and explanations support			icle 35(2) with regard to novelty, inventive step or industrial applicability; corting such statement		
1.	Statement				
	Novelty (N)	Claims	1, 2, 5-12	_ YES	
		Claims		_ NO	
	Inventive step (IS)	Claims	1, 2, 5-12	_ YES	
		Claims		_ NO	
	Industrial applicability (IA)	Claims	1, 2, 5-12	_ YES	
		Claims		_ NO	

2. Citations and explanations (Rule 70.7)

Document 1: JP 62-127510 U

Document 2: JP 62-127511 U

Document 3: JP 11-283422 A

Document 4: JP 07-006613 A

Document 5: JP 07-028016 A

Document 6: JP 03-266824 A

Document 7: JP 04-291309 A

1. The Inventions Set Forth in Claims 1, 2, and 5 to 12

The inventions set forth in documents 1 to 7 pertain to a light source device provided with a reflector.

The inventions set forth in claims 1, 2 and 5 to 12 are not denied novelty and an inventive step by documents 1 to 7.

A "closed light source apparatus" having the electrode axis of the arc tube intersect with the optical axis of emitted light, wherein a first reflector comprising a spherical metal base material is positioned to the rear surface of the arc tube, a second reflector comprising an elliptical metal base material is positioned in front of the arc tube, and a convergent lens is provided on the inside of the second reflector, is neither disclosed nor suggested in documents 1 to 7.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2005/002794

Supplemental Box		
In case the space in any of the preceding boxes is not sufficient. Continuation of: Front page		
G02B5/10(2006.01)		